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September 5, 2003

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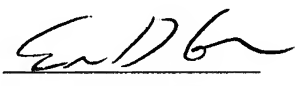
Re: Patent Application of McCarthy et al.
Serial No. 10/620,507
Filed: July 16, 2003
N-PORT SIGNAL
DIVIDER/COMBINER
Our File No. 7836-90235

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First-Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this date.

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Eric D. Cohen,
Reg. No. 38,110

Dear Sir:

Enclosed herewith are the following:

1. Transmittal Letter (in duplicate);
2. Information Disclosure Statement (in duplicate);
3. Form PTO-1449 (in duplicate);
4. Nine (9) U.S. references;
5. Four (3) foreign references; and
6. Four (4) other documents;
7. Postcard.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 23-0920.

Very truly yours,

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By


Eric D. Cohen

Docket: 90235

b) The required Certification is stated in item 11 below.

[] 11 Certification

[] 12 Each item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

[] 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

[X] 14 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 23-0920. An original and one (1) copy of this document are enclosed.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references or to whether the references are considered "analogous art." This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or 103. This Information Disclosure Statement shall not be construed as an admission that the statement or cited references are, or are considered to be, material to the patentability under 37 C.F.R. Section 1.97(h).

Respectfully submitted,

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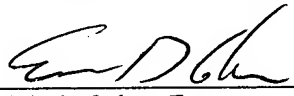
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Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
7836-90235Serial No.
10/620,507INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Applicant

McCarthy et al.

Filing Date
July 16, 2003

Group No.

U.S. PATENT DOCUMENTS

Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,262,266	4/14/81	Chern			
	6,118,355	9/12/00	Pelz			
	6,278,407 B1	8/21/01	Ashjaee			
	6,452,549 B1	9/17/02	Lo			
	6,342,867 B1	1/29/02	Bell			
	5,963,180	10/5/99	Leisten			
	6,515,557 B1	2/4/03	Wangsvick			
	6,307,525 B1	10/23/01	Bateman			

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	GB 2 170 358 A	7/30/86	United Kingdom				
	WO 96/00989	1/11/96	PCT				
	EP 0 492 302 A2	7/1/92	EPO				

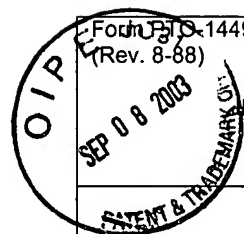
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Australian Patent Office International Search Report-Patent Office Reference No. CS/03/0047 - 3/25/03
	Derwent Abstract Accession No. E7437X/21, DE 2453605 (SIEMENS AG) 5/13/76
	Derwent Abstract Accession No. 84-077306/13, FR 2532120 A (THOMSON-BRANDT) 2/24/84

Examiner

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


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 (Rev. 8-88)

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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,198,831	3/30/93	Burrell			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Multipath-Rejecting GPS Antennas, Charles Co. Counselman III, Proceedings of the IEEE, Vol. 87, No. 1, pp. 86-91, January 1999

Examiner

Date Considered

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